

**LIGHTING BY ACETYLENE,
GENERATORS, BURNERS,
AND ELECTRIC FURNACES**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649635917

Lighting by Acetylene, Generators, Burners, and Electric Furnaces by William E. Gibbs

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

WILLIAM E. GIBBS

**LIGHTING BY ACETYLENE,
GENERATORS, BURNERS,
AND ELECTRIC FURNACES**



#B 276 517

LIGHTING
BY
ACETYLENE
—
GIBBS

D. VAN NOSTRAND COMPANY



LIBRARY
OF THE
UNIVERSITY OF CALIFORNIA.

Class



1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to ensure the validity of the results.

3. The third part of the document describes the different types of data that are collected and analyzed. It includes information on both quantitative and qualitative data, as well as the various sources from which this data is gathered.

4. The fourth part of the document discusses the various statistical methods and techniques used to analyze the data. It covers topics such as descriptive statistics, inferential statistics, and regression analysis, among others.

5. The fifth part of the document discusses the various ways in which the results of the analysis can be presented and communicated. It includes information on the use of tables, graphs, and charts, as well as the importance of clear and concise communication.

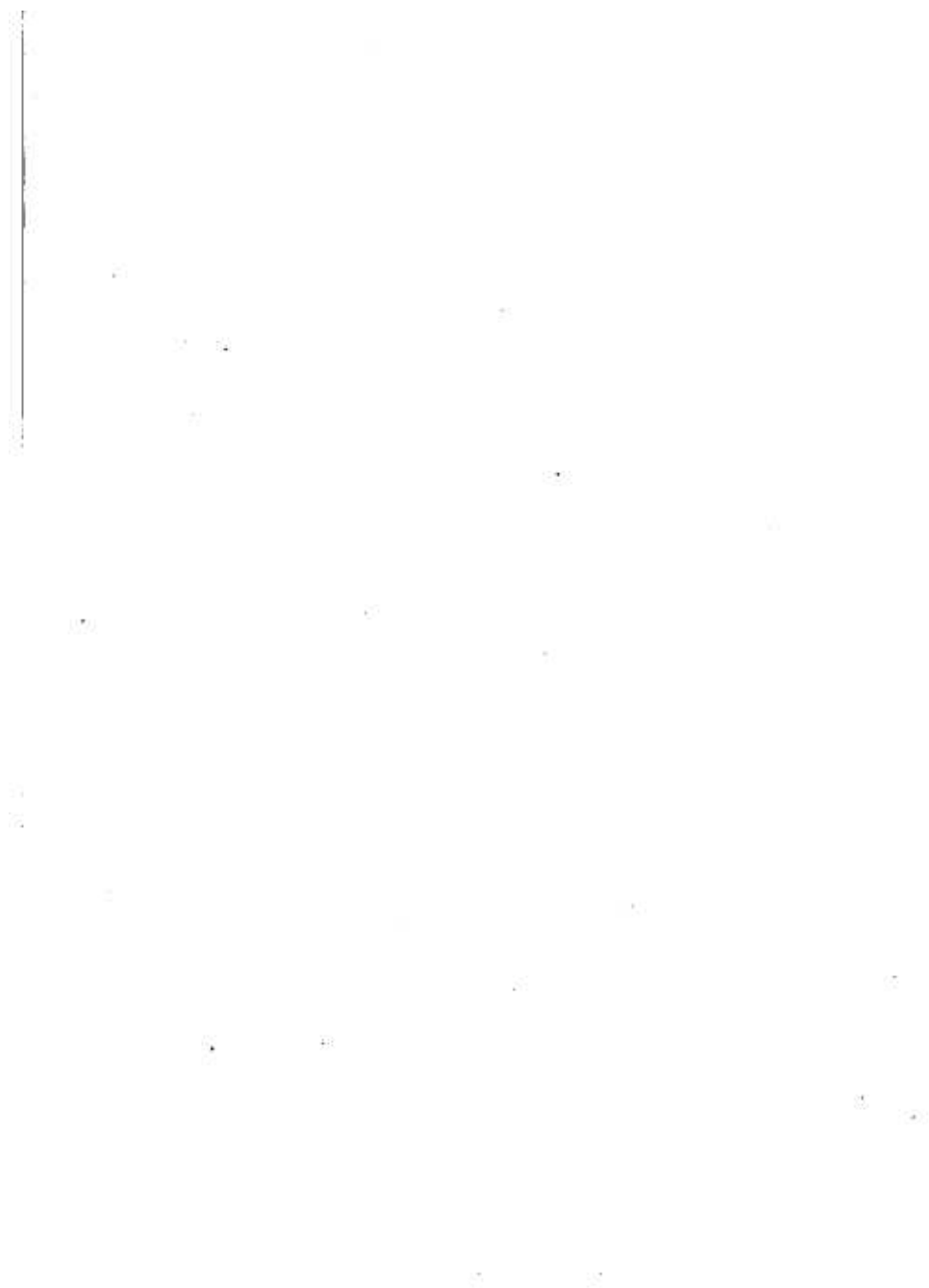
6. The sixth part of the document discusses the various ways in which the results of the analysis can be used to inform decision-making. It includes information on the use of the results to identify trends, patterns, and areas for improvement, as well as the importance of using the results to inform policy and practice.

7. The seventh part of the document discusses the various ways in which the results of the analysis can be used to inform research and development. It includes information on the use of the results to identify new areas for research and development, as well as the importance of using the results to inform the design and development of new products and services.

8. The eighth part of the document discusses the various ways in which the results of the analysis can be used to inform education and training. It includes information on the use of the results to identify areas for improvement in education and training, as well as the importance of using the results to inform the design and development of new educational programs and courses.

9. The ninth part of the document discusses the various ways in which the results of the analysis can be used to inform public policy and practice. It includes information on the use of the results to identify areas for improvement in public policy and practice, as well as the importance of using the results to inform the design and development of new public policies and programs.

10. The tenth part of the document discusses the various ways in which the results of the analysis can be used to inform the private sector. It includes information on the use of the results to identify areas for improvement in the private sector, as well as the importance of using the results to inform the design and development of new products and services.



LIGHTING BY ACETYLENE

GENERATORS, BURNERS AND
ELECTRIC FURNACES

BY

WILLIAM E. GIBBS, M.E.

SECOND EDITION, REVISED AND ENLARGED



NEW YORK

D. VAN NOSTRAND COMPANY

LONDON

CROSBY LOCKWOOD AND SON

1899

7-11-11
C14

GENERAL

COPYRIGHT, 1899, BY
D. VAN NOSTRAND COMPANY

TROW DIRECTORY
PRINTING AND BOOKBINDING COMPANY
NEW YORK

TABLE OF CONTENTS

	PAGE
INTRODUCTION TO SECOND EDITION,	v
ACETYLENE (INTRODUCTION),	1
ACETYLENE (HISTORY),	4
DANGERS OF ACETYLENE,	8
EXPLOSIVENESS,	9
ACETYLIDE OF COPPER,	11
TOXIC PROPERTIES,	11
EFFECTS UPON THE EYES,	13
ELECTRIC FURNACES,	15
A CONTINUOUS ELECTRIC FURNACE,	26
GENERATION OF ACETYLENE,	35
THE DRY PROCESS GENERATOR,	41
THE WET PROCESS GENERATOR,	49
THE PLUNGER,	55
IMPURITIES OF CARBIDE AND ACETYLENE,	63
GENERATORS,	69
FIRST CLASS,	70
SECOND CLASS,	95
THIRD CLASS,	99
ACETYLENE LAMPS,	111